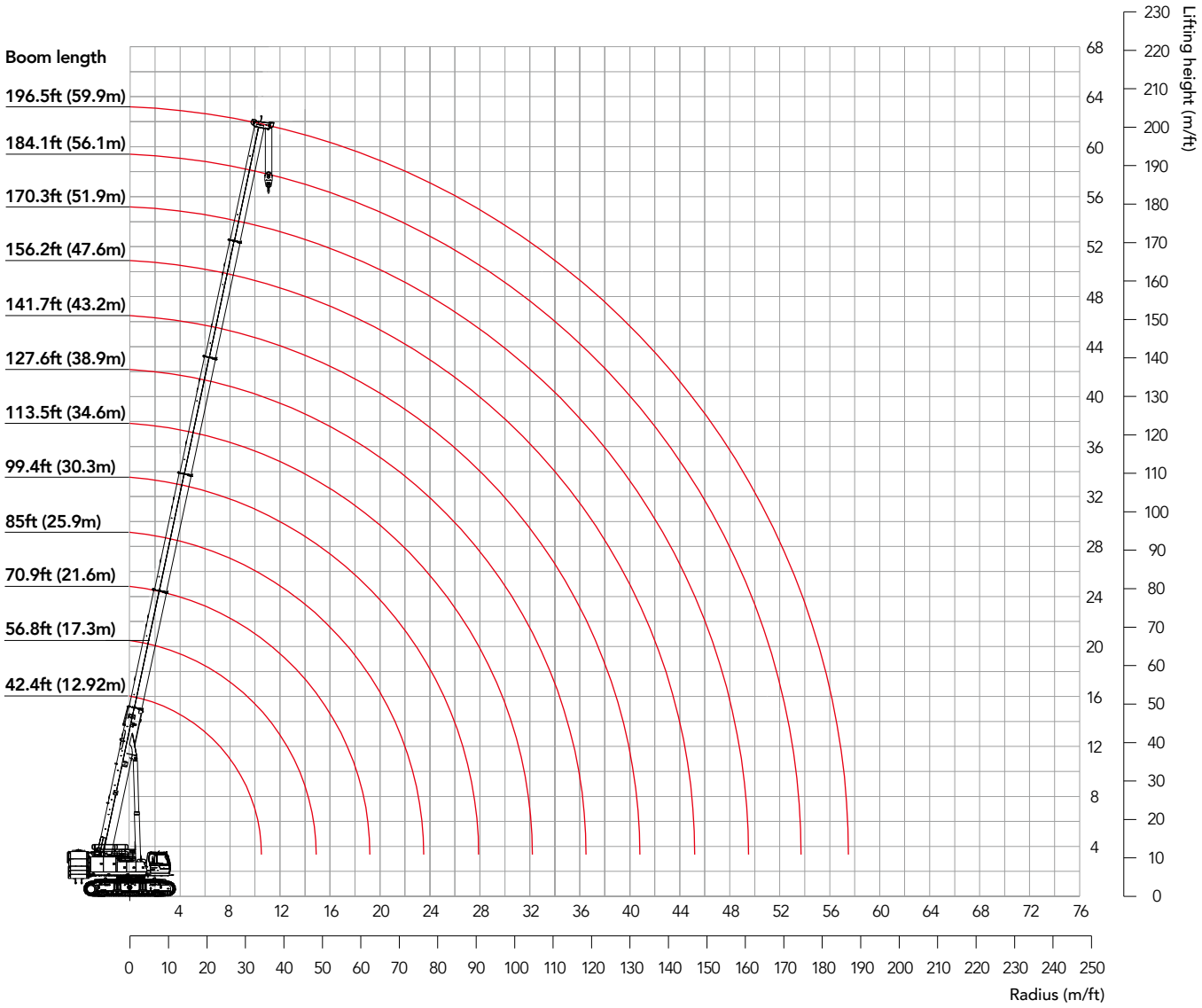
(H) Main Boom Range Diagram



(H) Main Boom Load Chart

Unit: Klb

	79.4Klb	22.0Klb	Extended	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
9	320.0												9
10	283.7	208.9											10
12	253.4	208.9	198.1										12
14	240.2	208.9	198.1										14
16	215.4	208.9	198.1	176.8									16
18	192.6	192.6	192.4	175.0	121.2								18
20	173.9	173.9	173.9	166.8	121.2	96.5							20
25	139.3	139.3	136.5	131.8	117.4	89.8	75.1						25
30	109.6	112.0	107.5	104.7	102.5	83.9	67.4	61.1	50.2				30
35		87.2	86.7	86.2	85.1	78.7	60.8	55.4	48.4	38.5			35
40		70.1	69.9	72.1	72.0	71.8	55.3	50.5	44.7	38.3	31.0	26.8	40
45		57.8	57.6	59.6	61.6	62.2	50.4	46.3	41.5	35.9	30.7	25.9	45
50			48.5	50.5	52.6	54.2	46.4	42.6	38.6	33.5	29.2	23.2	50
55			41.1	43.0	45.0	47.0	42.8	39.2	35.9	31.3	27.7	20.7	55
60				36.9	38.9	40.9	39.3	36.3	33.2	29.4	26.4	18.6	60
65				31.9	33.9	35.8	35.1	33.8	30.9	27.7	25.0	16.9	65
70				27.9	29.9	31.8	31.0	30.7	29.0	26.2	23.8	15.4	70
75					26.4	28.3	27.5	27.5	27.0	24.6	22.7	14.0	75
80					23.3	25.1	24.4	24.4	24.8	22.9	21.4	12.7	80
85					20.6	22.4	21.7	21.7	22.2	21.2	20.1	11.7	85
90						20.2	19.5	19.5	19.9	19.9	18.7	10.7	90
95						18.1	17.4	17.4	18.0	18.4	17.5	9.8	95
100						16.2	15.5	15.5	16.2	16.8	16.4	9.0	100
105							13.8	13.8	14.5	15.2	15.4	8.3	105
110							12.5	12.5	13.0	13.6	14.4	7.7	110
115							11.1	11.1	11.6	12.4	13.2	7.1	115
120								9.9	10.4	11.2	12.1	6.6	120
125								8.7	9.4	10.0	10.9	6.1	125
130								7.7	8.4	9.0	9.9	5.6	130
135									7.3	8.1	9.0	5.1	135
140									6.4	7.3	8.2	4.7	140
145										6.5	7.3	4.3	145
150										5.6	6.5	4.0	150
155										4.9	5.8	3.6	155
160											5.1	3.3	160
165											4.5	3.0	165
170											4.0	2.8	170
175												2.5	175
180												2.3	180
184												2.2	184
n	16	10	10	9	6	5	4	3	3	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2# %
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3# %
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4# %
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5# %
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6# %
Min	0	0	0	0	0	0	0	0	10	10	10	10	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	119.62	133.88	145.72	159.7	173.46	185.61	Min ft
Min Klb	49.8	32.1	20.9	16.5	13	10.8	6.6	4.1	0	0	0	0	Min Klb

(H) Main Boom Load Chart

Unit: Klb

57.32Klb	22.05Klb	Extended	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	208.9	208.9											10
12	208.9	208.9	198.1										12
14	208.9	208.9	198.1										14
16	208.9	200.5	182.4	167.1									16
18	192.6	175.6	158.5	147.7	121.2								18
20	167.6	153.8	139.8	131.5	119.8	96.5							20
25	116.1	114.9	106.5	101.7	97.9	89.8	75.1						25
30	84.6	85.9	83.9	81.4	79.3	77.8	67.4	61.1	50.2				30
35		66.8	66.1	67.0	66.1	65.4	60.6	55.4	48.4	38.5			35
40		53.5	52.9	54.4	55.8	55.8	52.5	50.3	44.7	38.3	31.0	26.8	40
45		43.9	43.2	44.8	46.6	48.1	45.5	43.8	41.5	35.9	30.7	25.9	45
50			36.1	37.7	39.5	41.2	39.6	38.5	37.4	33.5	29.2	23.2	50
55			30.3	31.9	33.6	35.3	34.3	33.7	33.2	31.3	27.7	20.7	55
60				27.2	28.8	30.5	29.6	29.4	29.3	29.2	26.4	18.6	60
65				23.2	24.9	26.7	25.8	25.6	25.9	26.3	25.0	16.9	65
70				20.0	21.8	23.4	22.5	22.4	22.9	23.5	23.5	15.4	70
75					19.0	20.6	19.7	19.7	20.1	20.8	21.5	14.0	75
80					16.6	18.2	17.3	17.3	17.7	18.4	19.1	12.7	80
85					14.4	16.2	15.3	15.3	15.7	16.4	17.0	11.7	85
90						14.3	13.4	13.4	13.9	14.5	15.3	10.7	90
95						12.7	11.8	11.8	12.2	12.9	13.8	9.8	95
100						11.2	10.4	10.3	10.8	11.4	12.3	9.0	100
105							9.2	9.0	9.4	10.1	11.0	8.3	105
110							8.0	8.0	8.3	8.9	9.8	7.7	110
115							7.0	7.0	7.2	7.9	8.7	7.1	115
120								6.0	6.2	6.9	7.8	6.6	120
125								5.0	5.4	6.1	6.9	6.1	125
130								4.3	4.6	5.2	6.1	5.6	130
135									3.9	4.5	5.4	5.1	135
140									3.2	3.8	4.7	4.6	140
145										3.2	4.1	4.1	145
150										2.7	3.4	3.6	150
155											2.8	2.9	155
n	10	10	10	8	6	5	4	3	3	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2# %
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3# %
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4# %
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5# %
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6# %
Min	0	0	0	0	0	0	0	0	10	10	10	10	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	119.62	133.88	145.72	159.7	173.46	185.61	Min ft
Min Klb	49.8	32.1	20.9	16.5	13	10.8	6.6	4.1	0	0	0	0	Min Klb

(H) Main Boom Load Chart

Unit: Klb

	22.05Klb	22.0Klb	Extended	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	208.9	208.9											10
12	208.9	203.7	188.0										12
14	196.5	177.2	155.4										14
16	165.3	147.7	131.3	121.4									16
18	138.5	125.6	112.8	105.7	99.9								18
20	119.0	109.3	98.9	93.4	88.9	85.5							20
25	81.6	80.9	73.9	71.0	69.0	67.3	62.3						25
30	58.2	59.7	57.2	55.7	54.9	54.3	50.5	48.1	46.3				30
35		45.4	44.7	45.2	44.9	45.0	41.8	39.9	38.7	37.2			35
40		35.4	34.9	36.5	37.3	37.8	35.2	33.7	32.8	32.2	30.8	26.8	40
45		28.1	27.6	29.4	31.1	32.2	29.8	28.6	27.9	27.7	27.8	25.9	45
50			22.3	24.1	25.8	27.3	25.6	24.6	24.1	24.0	24.2	23.2	50
55			17.9	19.6	21.4	23.0	21.9	21.1	20.7	20.8	21.1	20.5	55
60				15.9	17.7	19.4	18.6	18.0	17.8	18.0	18.5	18.1	60
65				13.1	14.9	16.4	15.7	15.5	15.5	15.7	16.1	15.9	65
70				10.7	12.4	14.1	13.3	13.2	13.4	13.8	14.2	14.0	70
75					10.4	12.0	11.3	11.2	11.5	12.0	12.5	12.3	75
80					8.6	10.2	9.4	9.3	9.7	10.4	11.0	10.9	80
85					6.9	8.6	7.8	7.8	8.2	8.9	9.5	9.5	85
90						7.3	6.4	6.4	6.8	7.5	8.3	8.2	90
95						6.0	5.2	5.2	5.6	6.3	7.1	7.0	95
100						4.9	4.1	4.1	4.5	5.1	6.0	6.1	100
105									3.5	4.1	5.0	5.2	105
110									2.6	3.3	4.2	4.2	110
115										2.6	3.3	3.5	115
120												2.8	120
125													125
130													130
n	10	10	9	6	5	5	3	3	3	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2# %
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3# %
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4# %
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5# %
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6# %
Min	0	0	0	0	0	0	0	12	30	30	40	40	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	119.62	130.79	127.19	139.49	133.18	142.63	Min ft
Min Klb	48.7	26.2	14	8.9	6.1	4.7	1.5	0	0	0	0	0	Min Klb

(H) Main Boom Load Chart

Unit: Klb

0Klb	22.0Klb	Extended	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	208.9	206.0											10
12	196.6	168.2	143.7										12
14	154.4	135.3	117.8										14
16	125.1	112.0	98.9	91.7									16
18	104.0	94.5	84.3	79.1	75.4								18
20	88.8	81.7	73.3	69.5	66.7	64.4							20
25	60.1	59.1	53.6	51.9	50.7	50.0	45.9						25
30	41.5	43.3	40.4	39.8	39.7	39.8	36.5	34.4	33.3				30
35		32.0	31.1	31.3	31.7	32.3	29.6	28.1	27.2	26.8			35
40		24.1	23.6	24.8	25.8	26.5	24.3	23.0	22.4	22.4	22.4	21.8	40
45		18.3	17.9	19.6	21.0	22.1	20.0	18.9	18.7	18.7	19.0	18.4	45
50			13.6	15.4	17.1	18.5	16.6	15.8	15.6	15.7	16.1	15.8	50
55			10.1	11.9	13.6	15.3	13.7	13.0	12.9	13.2	13.6	13.4	55
60				9.0	10.7	12.5	11.3	10.6	10.6	11.1	11.5	11.3	60
65				6.8	8.4	10.2	9.2	8.8	8.8	9.2	9.7	9.4	65
70				4.9	6.5	8.3	7.5	7.1	7.1	7.5	8.1	8.0	70
75					4.8	6.6	5.9	5.5	5.6	6.1	6.8	6.7	75
80					3.4	5.2	4.5	4.1	4.3	4.9	5.6	5.4	80
85					2.2	4.0	3.1	2.9	3.1	3.8	4.4	4.4	85
90						2.8				2.8	3.4	3.4	90
95													95
100													100
n	10	10	7	5	4	4	3	2	2	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2#
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4#
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6#
Min	0	0	0	0	0	0	28	38	50	50	50	55	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	104.69	103.83	92.37	101.5	110.49	104.81	Min ft
Min Klb	33.9	16.6	6.9	3.2	1.5	0.7	0	0	0	0	0	0	Min Klb

(H) Main Boom Load Chart

Unit: Klb

	79.37Klb	22.05Klb	Intermediate	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	208.9	208.9											10
12	208.9	208.9	198.1										12
14	208.9	208.9	193.4										14
16	206.6	192.0	173.7	161.3									16
18	182.9	167.2	152.1	142.5	121.2								18
20	159.8	147.9	135.4	127.7	119.7	96.5							20
25	112.0	111.6	104.6	100.3	96.7	89.8	75.1						25
30	83.2	84.5	83.4	81.0	79.1	77.6	67.4	61.1	50.2				30
35		66.6	65.7	66.8	66.4	65.7	60.8	55.4	48.4	38.5			35
40		53.8	53.1	54.7	56.2	56.3	53.3	50.4	44.7	38.3	31.0	26.8	40
45		44.5	43.8	45.4	47.1	48.6	46.3	44.6	41.5	35.9	30.7	25.9	45
50			36.9	38.5	40.1	41.8	40.5	39.3	37.9	33.5	29.2	23.2	50
55			31.2	32.7	34.3	36.0	35.1	34.6	34.2	31.3	27.7	20.7	55
60				27.9	29.6	31.2	30.3	30.3	30.4	29.3	26.4	18.6	60
65				24.0	25.8	27.3	26.4	26.4	26.8	27.1	25.0	16.9	65
70				20.9	22.7	24.2	23.3	23.3	23.8	24.2	23.8	15.4	70
75					19.8	21.5	20.6	20.6	21.0	21.6	22.1	14.0	75
80					17.3	19.0	18.2	18.1	18.6	19.2	19.9	12.7	80
85					15.3	16.8	16.2	16.0	16.4	17.1	17.9	11.7	85
90						15.0	14.3	14.2	14.7	15.2	16.1	10.7	90
95						13.3	12.7	12.7	13.0	13.6	14.4	9.8	95
100						11.9	11.2	11.2	11.5	12.1	13.0	9.0	100
105							9.9	9.9	10.3	10.8	11.6	8.3	105
110							8.7	8.7	9.1	9.7	10.5	7.7	110
115							7.6	7.6	8.0	8.6	9.4	7.1	115
120								6.6	6.9	7.6	8.5	6.6	120
125								5.6	6.1	6.7	7.6	6.1	125
130								4.8	5.2	5.9	6.8	5.6	130
135									4.5	5.2	5.9	5.1	135
140									3.8	4.5	5.2	4.7	140
145										3.8	4.5	4.3	145
150										3.2	4.0	4.0	150
155										2.6	3.4	3.5	155
160											2.8	3.0	160
n	10	10	10	8	6	5	4	3	3	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2# %
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3# %
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4# %
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5# %
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6# %
Min	0	0	0	0	0	0	0	0	10	10	10	10	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	119.62	133.88	145.72	159.7	173.46	185.61	Min ft
Min Klb	49.8	32.1	20.9	16.5	13	10.8	6.6	4.1	0	0	0	0	Min Klb

(H) Main Boom Load Chart

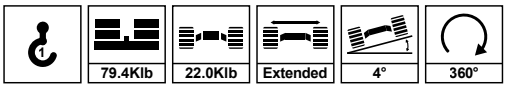
Unit: Klb

	79.4Klb	22.0Klb	Retracted	0.57°	360°

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
20	123.7		106.8										20
25	87.9	88.5	83.2	80.1									25
30	65.9	67.2	66.4	64.8	63.7	62.7	59.0	56.4	50.2				30
35		53.1	52.4	53.4	53.4	53.1	50.0	47.9	46.5	38.5			35
40		42.8	42.1	43.7	45.2	45.4	42.8	41.1	40.1	38.2	31.0	26.8	40
45		35.2	34.7	36.1	37.8	39.2	36.9	35.6	34.8	34.6	30.7	25.9	45
50			28.9	30.4	32.0	33.7	32.3	31.1	30.6	30.4	29.2	23.2	50
55			24.1	25.6	27.3	28.9	28.0	27.4	26.9	26.9	27.0	20.7	55
60				21.6	23.4	24.9	24.0	24.0	23.7	23.9	24.2	18.6	60
65				18.4	20.2	21.7	20.8	20.8	21.0	21.2	21.6	16.9	65
70				15.7	17.4	19.0	18.2	18.1	18.5	19.0	19.4	15.4	70
75					15.0	16.6	15.9	15.8	16.1	16.8	17.4	14.0	75
80					12.9	14.5	13.8	13.8	14.1	14.7	15.6	12.7	80
85					11.1	12.8	12.0	12.0	12.4	13.1	13.7	11.7	85
90						11.2	10.4	10.4	10.9	11.5	12.2	10.7	90
95						9.8	9.0	9.0	9.5	10.1	10.8	9.8	95
100						8.6	7.7	7.7	8.2	8.8	9.6	9.0	100
105							6.6	6.6	7.0	7.7	8.5	8.3	105
110							5.6	5.6	6.0	6.7	7.5	7.5	110
115							4.7	4.7	5.1	5.8	6.5	6.6	115
120								3.8	4.3	4.9	5.6	5.8	120
125								3.0	3.4	4.1	5.0	5.0	125
130								2.3	2.8	3.4	4.1	4.3	130
135										2.8	3.5	3.6	135
140											3.0	3.0	140
145													145
150													150
n	6	5	6	4	4	3	3	3	3	2	2	2	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2#
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4#
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6#
Min	0	0	0	0	0	0	0	0	20	20	20	20	Min
Min ft	34.5	48.74	63	77.21	91.38	105.41	119.62	133.88	138.68	152.03	165.16	176.75	Min ft
Min Klb	49.8	32.1	20.2	14	10.6	8.5	4.6	2.2	0	0	0	0	Min Klb

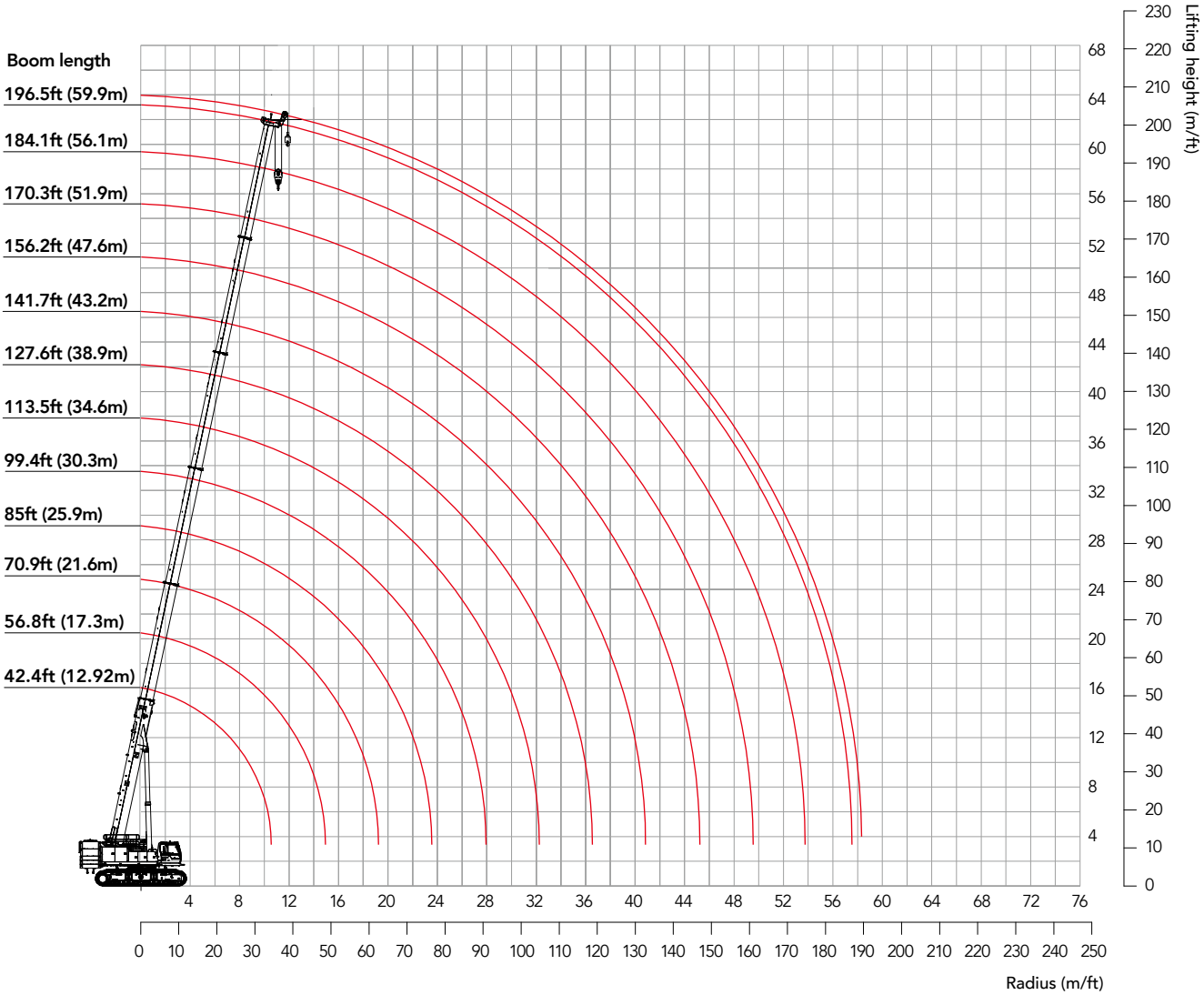
(H) Main Boom Load Chart

Unit: Klb

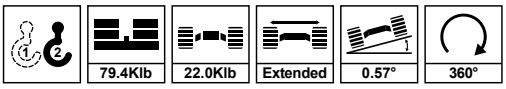


ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	208.9	150.1											10
12	208.9	150.1	105.8										12
14	208.9	150.1	105.8										14
16	204.3	150.1	105.8	75.1									16
18	183.0	150.1	105.8	75.1	49.1								18
20	158.0	142.1	105.8	75.1	49.1	39.2							20
25	115.5	108.8	98.9	75.1	49.1	39.2	31.3						25
30	89.3	84.7	79.5	74.2	49.1	39.2	31.3	25.1	20.0				30
35		68.6	64.5	63.5	49.1	39.2	31.3	25.1	20.0	14.9			35
40		57.0	53.7	53.1	49.0	39.2	31.3	25.1	20.0	14.9	13.0	12.1	40
45		48.6	45.3	45.1	45.3	39.2	31.3	25.1	20.0	14.9	13.0	12.1	45
50			39.0	39.0	39.4	38.0	31.3	25.1	20.0	14.9	13.0	12.1	50
55			33.8	33.8	34.4	35.0	30.8	25.1	20.0	14.9	13.0	12.1	55
60				29.5	30.1	30.8	29.3	25.1	20.0	14.9	13.0	12.1	60
65				26.0	26.6	27.5	25.9	24.9	20.0	14.9	13.0	12.1	65
70				23.2	23.8	24.7	23.2	22.7	20.0	14.9	13.0	11.9	70
75					21.3	22.2	20.8	20.3	19.3	14.9	13.0	11.3	75
80					19.1	20.0	18.7	18.2	18.0	14.9	13.0	10.3	80
85					17.0	18.1	16.8	16.2	16.2	14.9	13.0	9.5	85
90						16.4	15.1	14.6	14.6	14.6	13.0	8.8	90
95						15.0	13.7	13.2	13.2	13.7	13.0	8.1	95
100						13.7	12.3	11.9	11.9	12.4	12.6	7.5	100
105							11.0	10.7	10.8	11.2	11.6	7.0	105
110							10.0	9.6	9.7	10.0	10.6	6.5	110
115							9.1	8.6	8.7	9.1	9.6	6.0	115
120								7.8	7.8	8.2	8.7	5.6	120
125								7.0	7.0	7.4	7.8	5.2	125
130								6.3	6.3	6.6	7.2	4.7	130
135									5.6	5.8	6.5	4.3	135
140									4.9	5.2	5.8	4.0	140
145										4.7	5.2	3.7	145
150										4.2	4.7	3.5	150
155										3.7	4.2	3.2	155
160											3.7	3.0	160
165											3.2	2.8	165
170											2.9	2.6	170
175												2.3	175
n	6	5	6	4	4	3	3	3	3	2	2	2	n
2#	0	0	46	46	46	46	92	92	92	92	92	100	2#
3#	0	46	46	46	46	46	46	92	92	92	92	100	3#
4#	0	0	0	46	46	46	46	46	92	92	92	100	4#
5#	0	0	0	0	46	46	46	46	46	92	92	100	5#
6#	0	0	0	0	0	46	46	46	46	46	92	100	6#

(HC) Auxiliary Lifting Sheave Range Diagram



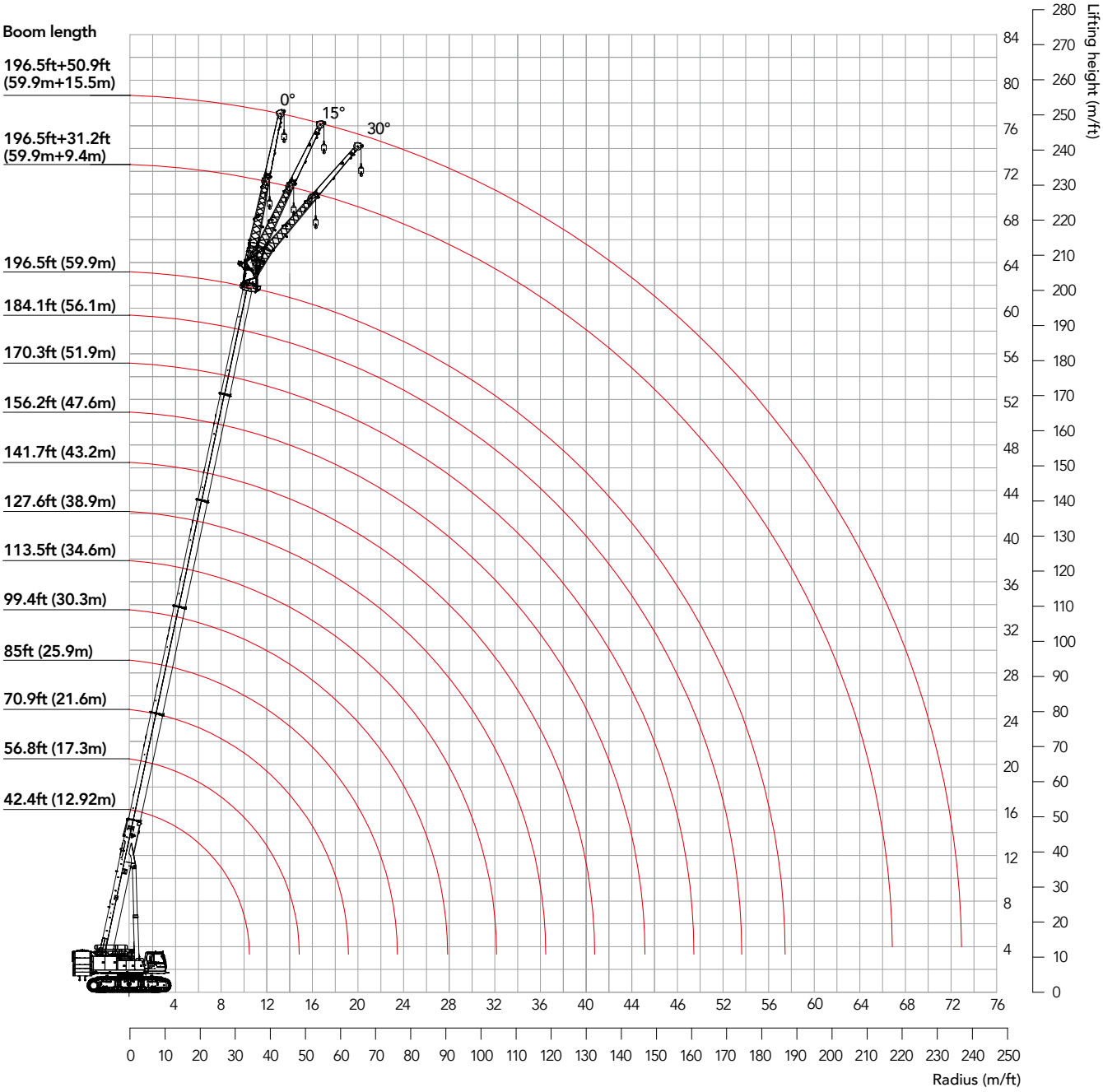
(HC) Auxiliary Lifting Sheave Load Chart



Unit: Klb

ft	Main Boom Length (ft)												ft
	42.4	56.6	70.9	85.1	99.3	113.3	127.5	141.8	156.0	170.2	184.2	196.5	
10	20.9	20.9											10
12	20.9	20.9											12
14	20.9	20.9	20.9										14
16	20.9	20.9	20.9										16
18	20.9	20.9	20.9	20.9									18
20	20.9	20.9	20.9	20.9	20.9								20
25	20.9	20.9	20.9	20.9	20.9	20.9							25
30	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9					30
35		20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9			35
40		20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	40
45		20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	45
50			20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.6	50
55			20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	19.4	55
60				20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	17.3	60
65				20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	15.6	65
70				20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	14.1	70
75					20.6	20.9	20.9	20.9	20.9	20.9	20.7	12.6	75
80					19.6	20.5	20.3	20.3	20.3	20.5	20.1	11.4	80
85					17.1	18.8	17.9	17.9	18.2	18.8	18.8	10.4	85
90						16.6	15.9	15.8	16.1	16.8	17.4	9.4	90
95						14.8	14.0	13.9	14.3	15.0	15.8	8.5	95
100						13.1	12.3	12.3	12.7	13.4	14.0	7.7	100
105							10.7	10.7	11.2	11.9	12.5	7.0	105
110							9.4	9.4	9.8	10.5	11.2	6.3	110
115							8.2	8.2	8.6	9.3	9.9	5.8	115
120								7.1	7.5	8.2	8.8	5.3	120
125								6.1	6.5	7.2	7.8	4.8	125
130								5.0	5.5	6.2	6.8	4.3	130
135									4.6	5.3	5.9	3.8	135
140									3.8	4.4	5.2	3.3	140
145										3.6	4.5	3.0	145
150										2.9	3.8	2.7	150
155										2.4	3.1	2.3	155
160											2.6	2.0	160
165											2.0	1.7	165
170											1.4	1.5	170
175												1.1	175
n	1	1	1	1	1	1	1	1	1	1	1	1	n
% 2#	0	0	46	46	46	46	92	92	92	92	92	100	2# %
% 3#	0	46	46	46	46	46	46	92	92	92	92	100	3# %
% 4#	0	0	0	46	46	46	46	46	92	92	92	100	4# %
% 5#	0	0	0	0	46	46	46	46	46	92	92	100	5# %
% 6#	0	0	0	0	0	46	46	46	46	46	92	100	6# %

(FJ) Fly Jib Range Diagram



(FJ) Fly Jib Load Chart

Unit: Klb

79.4Klb	22.0Klb	Extended	0.57°	360°	31.17ft

ft	Main Boom Length (ft)			ft
	196.5			
	0°	15°	30°	
50	14.3			50
55	13.9			55
60	13.0	11.9		60
65	12.2	11.9		65
70	12.1	11.6	10.7	70
75	11.9	11.4	10.3	75
80	11.6	11.3	10.0	80
85	11.6	11.0	9.7	85
90	11.5	10.7	9.3	90
95	11.2	10.1	9.0	95
100	10.9	9.6	8.7	100
105	10.5	9.4	8.5	105
110	10.2	9.3	8.5	110
115	9.4	9.0	8.4	115
120	8.5	8.6	8.3	120
125	7.6	8.3	8.1	125
130	6.8	7.4	7.6	130
135	6.2	6.7	6.9	135
140	5.8	6.0	6.4	140
145	5.6	5.4	6.0	145
150	4.9	4.9	5.4	150
155	4.4	4.4	4.8	155
160	3.9	4.1	4.3	160
165	3.4	3.8	3.8	165
170	2.9	3.3	3.3	170
175		3.0	2.8	175
n	1	1	1	n
% 2#	100	100	100	2# %
% 3#	100	100	100	3# %
% 4#	100	100	100	4# %
% 5#	100	100	100	5# %
% 6#	100	100	100	6# %

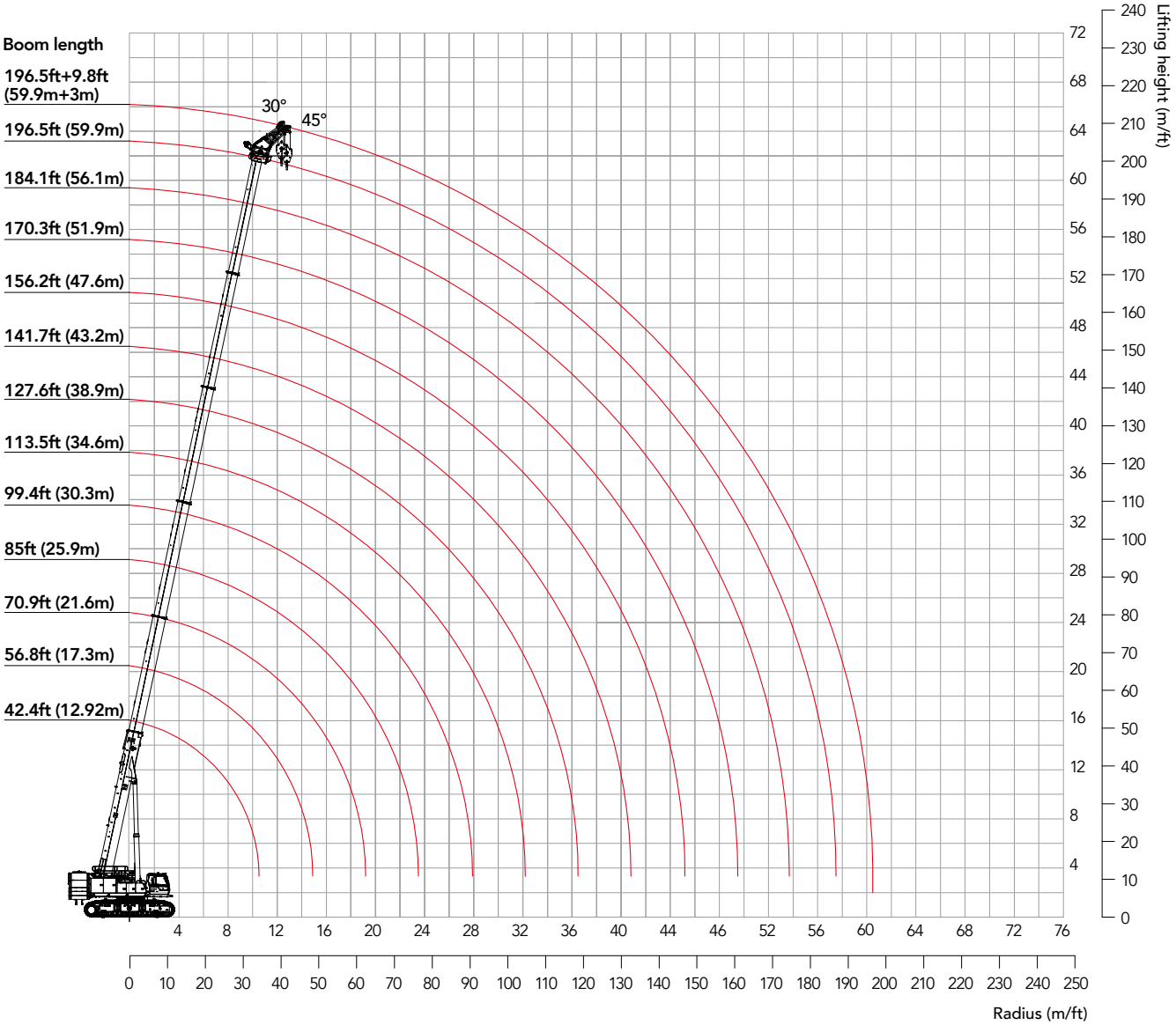
(FJ) Fly Jib Load Chart

Unit: Klb

79.4Klb	22.0Klb	Extended	0.57°	360°	50.85ft

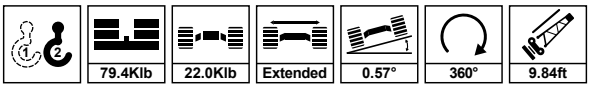
ft	Main Boom Length (ft)			ft
	196.5			
	0°	15°	30°	
55	7.7			55
60	7.6			60
65	7.5			65
70	7.4	7.0		70
75	7.4	6.9		75
80	7.2	6.8	6.6	80
85	7.2	6.8	6.6	85
90	7.2	6.8	6.6	90
95	7.1	6.7	6.6	95
100	7.0	6.6	6.6	100
105	7.0	6.6	6.6	105
110	7.0	6.6	6.4	110
115	6.9	6.4	6.3	115
120	6.8	6.3	6.3	120
125	6.8	6.3	6.3	125
130	6.6	6.3	6.3	130
135	6.3	6.3	6.3	135
140	6.0	6.1	6.2	140
145	5.8	5.7	5.9	145
150	5.1	5.5	5.5	150
155	5.0	5.5	5.3	155
160	4.8	5.0	5.2	160
165	4.3	4.3	5.0	165
170	3.8	4.2	4.6	170
175	3.3	3.7	4.1	175
180	2.8	3.2	3.7	180
185	2.6	2.8	3.3	185
190	2.4	2.6	2.8	190
195		2.4	2.5	195
	1	1	1	
2#	100	100	100	2#
3#	100	100	100	3#
4#	100	100	100	4#
5#	100	100	100	5#
6#	100	100	100	6#

(FJh) Heavy Duty Jib Range Diagram



(FJh) Heavy Duty Jib Load Chart

Unit: Klb



ft	Main Boom Length (ft)												ft
	42.39		56.63		56.59		56.56		70.9		70.87		
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
12	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5					12
14	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	14
16	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	16
18	76.7	74.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	18
20	74.5	72.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	20
25	71.0	69.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	25
30	67.4		73.9	72.0	73.9	72.0	73.9	72.0	78.5	77.2	78.5	77.2	30
35			70.3	69.1	70.3	69.1	70.3	69.1	75.7	73.8	75.7	73.8	35
40			66.6		66.8		67.0		66.5	67.6	68.7	69.5	40
45									55.0		56.8		45
50									46.4		48.3		50
n	4	4	4	4	4	4	4	4	4	4	4	4	n
% 2#	0	0	0	0	0	0	0	0	46	46	0	0	2#
% 3#	0	0	46	46	0	0	0	0	46	46	46	46	3#
% 4#	0	0	0	0	46	46	0	0	0	0	46	46	4#
% 5#	0	0	0	0	0	0	46	46	0	0	0	0	5#
% 6#	0	0	0	0	0	0	0	0	0	0	0	0	6#

ft	Main Boom Length (ft)												ft
	70.54		85.1		85.07		84.78		99.34		99.28		
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
14	78.5	78.5											14
16	78.5	78.5											16
18	77.2	78.5											18
20	74.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.4	78.4	78.4	78.4	20
25	68.4	78.5	78.5	78.5	78.5	78.5	74.2	74.2	78.4	78.4	78.4	78.4	25
30	61.7	77.4	78.5	78.5	78.5	78.5	67.8	67.8	75.4	75.4	75.4	75.4	30
35	55.5	73.1	78.5	77.8	78.5	77.8	62.3	62.3	67.8	67.8	67.8	67.8	35
40	50.1	69.3	66.8	68.0	68.0	69.1	56.6	56.6	61.1	61.1	61.1	61.1	40
45	45.7		55.7	56.4	56.6	57.3	51.8	51.8	54.3	54.5	54.5	54.5	45
50	43.6		47.0	47.7	47.9	48.6	48.4	48.8	46.8	47.3	47.6	48.0	50
55			39.9		40.8		43.9		39.9	40.5	41.0	41.6	55
60			34.1		35.0		38.1		34.1		35.2		60
65			29.6		30.3		33.4		29.4		30.5		65
70									25.4		26.5		70
n	4	4	4	4	4	4	4	4	4	4	4	4	n
% 2#	0	0	46	46	0	0	0	0	46	46	46	46	2#
% 3#	0	0	46	46	92	92	0	0	92	92	46	46	3#
% 4#	0	0	46	46	46	46	46	46	46	46	46	46	4#
% 5#	46	46	0	0	0	0	46	46	0	0	46	46	5#
% 6#	46	46	0	0	0	0	46	46	0	0	0	0	6#

(FJh) Heavy Duty Jib Load Chart

Unit: Klb

	79.4Klb	22.0Klb	Extended	0.57°	360°	9.84ft

ft	Main Boom Length (ft)												ft
	99.05		113.55		113.32		113.29		127.53		127.49		
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
20	78.4	78.4											20
25	77.1	77.1	59.3	59.3	59.3	59.3	59.3	59.3					25
30	71.8	71.8	59.3	59.3	59.3	59.3	54.9	54.9	59.2	59.2	57.1	57.1	30
35	66.7	66.7	59.1	59.1	59.3	59.3	49.2	49.2	56.5	56.5	51.5	51.5	35
40	61.9	61.9	54.4	54.4	59.3	59.3	43.4	43.4	51.1	51.1	46.8	46.8	40
45	57.0	57.0	49.2	49.2	55.6	56.3	38.3	38.3	46.6	46.6	43.0	43.0	45
50	50.0	50.4	44.5	45.1	48.4	49.3	35.8	35.8	43.8	44.2	40.9	40.9	50
55	43.2	43.8	39.6	40.4	42.0	42.7	33.1	33.1	39.9	40.5	38.2	38.2	55
60	37.4		34.3	35.0	36.3	36.8	29.8	29.8	34.8	35.5	34.6	34.7	60
65	32.7		29.6	30.1	31.6	32.1	27.0	27.0	30.5	31.1	31.2	31.6	65
70	28.9		25.7	26.1	27.8	28.2	24.7	24.7	26.7	27.4	27.4	27.9	70
75			22.2		24.4		22.7		23.3	23.8	23.9	24.4	75
80			19.1		21.3		20.9		20.2		20.9		80
85			16.4		18.6		19.2		17.5		18.2		85
90									15.3		16.0		90
n	4	4	3	3	3	3	3	3	3	3	3	3	n
% 2#	0	0	92	92	46	46	0	0	92	92	46	46	2#
% 3#	46	46	46	46	46	46	92	92	46	46	92	92	3#
% 4#	46	46	46	46	46	46	46	46	46	46	46	46	4#
% 5#	46	46	46	46	46	46	46	46	46	46	46	46	5#
% 6#	46	46	0	0	46	46	46	46	46	46	46	46	6#

ft	Main Boom Length (ft)												ft
	127.3		141.77		141.47		141.3		156.0		155.94		
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
30	50.0	50.0	50.2	50.2	41.3	41.3	56.2	56.2					30
35	45.8	45.8	45.7	45.7	37.7	37.7	51.8	51.8	41.4	41.4	40.1	40.1	35
40	42.3	42.3	41.6	41.6	34.7	34.7	47.0	47.0	41.2	41.2	37.5	37.5	40
45	39.3	39.3	38.3	38.3	32.1	32.1	43.0	43.0	39.1	39.1	34.6	34.6	45
50	37.7	37.7	36.4	36.4	30.7	30.7	40.8	40.8	37.4	37.4	33.0	33.0	50
55	35.8	35.8	34.3	34.3	29.2	29.2	37.7	38.0	35.4	35.4	31.3	31.3	55
60	33.6	33.6	31.6	31.6	27.4	27.4	33.5	34.2	32.5	32.6	29.1	29.1	60
65	31.7	31.7	28.7	28.7	25.7	25.7	29.3	30.0	28.8	29.4	27.1	27.1	65
70	28.5	28.7	26.3	26.3	24.3	24.3	25.9	26.5	25.4	26.1	24.8	24.8	70
75	25.3	25.6	23.8	24.0	23.1	23.1	22.8	23.4	22.5	23.0	22.7	22.7	75
80	22.2		21.1	21.5	21.8	21.8	20.0	20.4	19.9	20.3	20.8	20.9	80
85	19.5		18.4	18.9	19.9	20.3	17.3	17.7	17.5	17.9	18.8	19.2	85
90	17.3		16.2	16.5	17.7	18.0	15.1	15.5	15.3	15.8	16.6	17.1	90
95			14.1		15.7		13.1		13.3	13.7	14.6	15.0	95
100			12.2		13.8		11.3		11.5	11.8	12.7	13.1	100
105									9.9		11.2		105
110									8.4		9.7		110
n	3	3	3	3	3	3	2	2	2	2	2	2	n
% 2#	46	46	92	92	46	46	46	46	92	92	46	46	2#
% 3#	46	46	92	92	92	92	46	46	92	92	92	92	3#
% 4#	46	46	46	46	92	92	46	46	92	92	92	92	4#
% 5#	46	46	46	46	46	46	92	92	46	46	92	92	5#
% 6#	92	92	46	46	46	46	92	92	46	46	46	46	6#

(FJh) Heavy Duty Jib Load Chart

Unit: Klb

79.4Klb	22.0Klb	Extended	0.57°	360°	9.84ft

ft	Main Boom Length (ft)										ft
	155.71		170.21		169.95		184.19		196.52		
	30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
35	35.9	35.9									35.0
40	32.9	32.9	36.4	36.4	32.2	32.2	29.7	29.7			40.0
45	30.4	30.4	34.7	34.7	30.6	30.6	29.6	29.6	20.7	20.7	45.0
50	29.1	29.1	33.5	33.5	29.3	29.3	28.8	28.8	20.7	20.7	50.0
55	27.6	27.6	31.9	31.9	27.9	27.9	27.6	27.6	20.7	20.7	55.0
60	25.6	25.6	29.8	29.8	26.1	26.1	26.2	26.2	20.3	20.3	60.0
65	24.0	24.0	28.0	28.0	24.6	24.6	24.8	24.8	18.1	18.1	65.0
70	22.6	22.6	25.2	25.5	23.2	23.2	23.6	23.6	16.3	16.3	70.0
75	21.3	21.3	22.5	22.9	21.8	21.8	22.1	22.2	14.8	14.8	75.0
80	20.2	20.2	19.9	20.3	20.3	20.3	20.1	20.5	13.5	13.5	80.0
85	19.0	19.0	17.5	17.9	18.6	18.6	17.7	18.2	12.4	12.4	85.0
90	17.5	17.6	15.5	15.9	17.0	17.2	15.9	16.1	11.3	11.3	90.0
95	15.7	16.0	13.7	14.0	15.3	15.5	14.0	14.3	10.3	10.3	95.0
100	13.8	14.2	12.0	12.2	13.5	13.8	12.3	12.7	9.4	9.4	100.0
105	12.1		10.3	10.5	11.9	12.1	10.7	11.2	8.8	8.8	105.0
110	10.7		8.8	9.2	10.3	10.6	9.6	9.8	8.1	8.1	110.0
115			7.5		8.9		8.3	8.5	7.4	7.4	115.0
120			6.3		7.7		7.0	7.2	6.7	6.8	120.0
125							5.8		5.8	6.1	125.0
130							4.8		4.8	5.0	130.0
135									3.9		135.0
140									3.1		140.0
n	2	2	2	2	2	2	2	2	2	2	n
% 2#	46	46	92	92	46	46	92	92	100	100	2#
% 3#	46	46	92	92	92	92	92	92	100	100	3#
% 4#	92	92	92	92	92	92	92	92	100	100	4# %
% 5#	92	92	92	92	92	92	92	92	100	100	5#
% 6#	92	92	46	46	92	92	92	92	100	100	6#